

**AUTOMOTIVE MECHANIC
STUDY GUIDE**

A written examination for the class of **AUTOMOTIVE MECHANIC** to be administered in **OUACHITA PARISH F.P.D. #1** on **SEPTEMBER 29, 2015**, will consist of approximately 100 multiple-choice questions. The examination will test your knowledge in the following subject areas:

SUBJECT AREA/KNOWLEDGE	APPROXIMATE % OF EXAM
SUSPENSION AND BRAKE SYSTEMS Knowledge of suspension and brake systems sufficient to perform maintenance, make repairs, or adjust the systems when needed.	15.0%
AIR CONDITIONING/COOLING SYSTEM Knowledge of air conditioning and cooling systems sufficient to perform maintenance and repair when needed.	15.0%
DRIVE TRAIN/LUBRICATING/ELECTRICAL/FUEL SYSTEMS Knowledge of drive train, lubricating, electrical, and fuel systems sufficient to perform maintenance, repairs or adjustments to the system when needed.	25.0%
ENGINE MECHANICS Knowledge of gasoline and diesel engines sufficient to perform diagnosis of mechanical problems and to perform maintenance and repair.	15.0%
GENERAL AUTOMOTIVE MAINTENANCE, REPAIRS, INSTRUMENTS, AND TOOLS. Knowledge of general automotive equipment sufficient to troubleshoot, diagnose and repair malfunctioning components, including the use and care of instruments and tools.	25.0%

SUBJECT AREA/KNOWLEDGE	APPROXIMATE % OF EXAM
RECORDS/REPORTS Knowledge of effective records-keeping practices, including preparation, content, format, control, and retention; and maintaining records on department property, equipment, and supplies; and knowledge of effective report preparation procedures, including the compilation, analysis, and organization of data into an effective written format for reports.	5.0%

REFERENCE LIST

While the entire list of reference material will be useful to you in your preparation for the upcoming examination, the **majority** of test questions are sourced from those references listed under the Primary List.

PRIMARY REFERENCE MATERIAL

MODERN AUTOMOTIVE TECHNOLOGY, James E. Duffy, The Goodheart-Willcox Co., Inc., 2014.

The local civil service board should make this study guide available to all applicants in whatever manner the board deems appropriate.

While there are no provisions requiring this office to provide study guides for any competitive or promotional examinations, such material will be provided as a service to assist applicants in preparing for an examination. The State Examiner's office has no control whatsoever over the local availability of reference material (mentioned in the study guides), nor do we feel constrained to limit examination questions to only that material which is available locally. Examination content, weighting of subject areas, and length of examination, may vary with each administration of an examination to reflect any updated job analysis information. Percentages and numerical estimations are provided as approximations.